



VDS100-SS

PROFESSIONAL DISHWASHER  
INSTALLATION GUIDE & USER'S MANUAL



**THANK YOU**

FOR YOUR PURCHASE

VDS100-SS | PROFESSIONAL DISHWASHER

# DISHWASHER USER INSTRUCTIONS

THANK YOU for purchasing this high-quality product.

For future reference please make a note of your product model and serial numbers. These can be located near the door on the right-hand or left-hand side of the dishwasher interior.

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## Dishwasher Safety

### Your safety and the safety of others are very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol "WARNING."

These words mean:

**WARNING**

**You can be killed or seriously injured if you don't follow instructions.**

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

### IMPORTANT SAFETY INSTRUCTIONS

**WARNING:** When using the dishwasher, follow basic precautions, including the following:

- Read all instructions before using the dishwasher.
- Use the dishwasher only for its intended function.
- Use only detergents or rinse agents recommended for use in a dishwasher, and keep them out of the reach of children. When loading items to be washed:
  - 1) Locate sharp items so that they are not likely to damage the door seal;
  - 2) Load sharp knives with the handles up to reduce the risk of cut-type injuries.
- Do not wash plastic items unless they are marked “ dishwasher safe” or the equivalent. For plastic items not so marked, check the manufacturer’s recommendations.
- Do not operate the dishwasher unless all enclosure panels are properly in place.
- Do not tamper with controls.
- Do not abuse, sit on, or stand on the door, lid, or dish racks of the dishwasher.
- To reduce the risk of injury, do not allow children to play in or on the dishwasher.
- Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for two weeks or more. **HYDROGEN GAS IS EXPLOSIVE.** If the hot water system has not been used for such a period, before using the dishwasher turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated hydrogen gas. As the gas is flammable, do not smoke or use an open flame during this time.

**SAVE THESE INSTRUCTIONS**

### GROUNDING INSTRUCTIONS

#### **For a grounded, cord-connected dishwasher:**

The dishwasher must be grounded. In the event of a malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. The dishwasher is equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is installed and grounded in accordance with all local codes and ordinances.

**WARNING:** Improper connection of the equipment-grounding conductor can result in a risk of electric shock.

Check with a qualified electrician or service representative if you are in doubt whether the dishwasher is properly grounded.

Do not modify the plug provided with the dishwasher; if it will not fit the outlet, have a proper outlet installed by a qualified electrician.

#### **For a permanently connected dishwasher:**

The dishwasher must be connected to a grounded metal, permanent wiring system, or an equipment-grounding conductor must be run with the circuit conductors and connected to the equipment-grounding terminal or lead on the dishwasher.

**SAVE THESE INSTRUCTIONS**



### **⚠ WARNING**

#### **Tip Over Hazard**

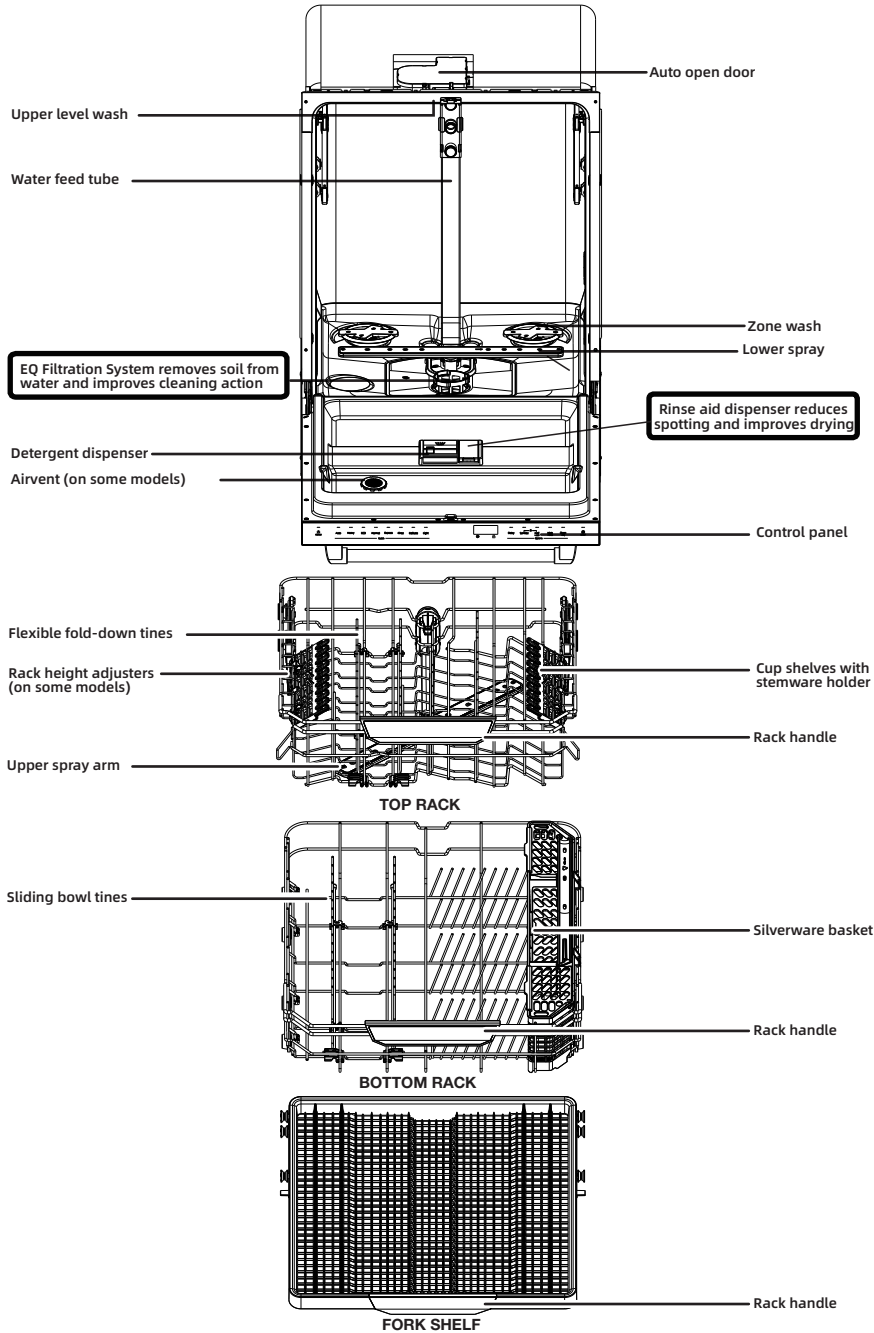
**Do not use dishwasher until completely installed.  
Do not push down on open door.  
Doing so can result in serious injury or cuts.**

#### **State of California Proposition 65 Warnings:**

**WARNING:** This product contains one or more chemicals known to the State of California to cause cancer.

**WARNING:** This product contains one or more chemicals known to the State of California to cause birth defects or other reproductive harm.

## Parts and Features



## Quick Steps

### 1 Prepare and load dishwasher.

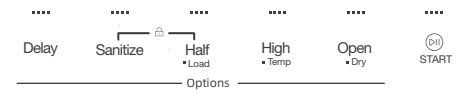
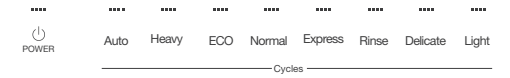


Scrape off excess food into garbage or food disposer.



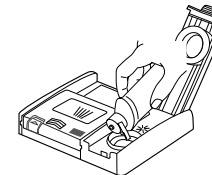
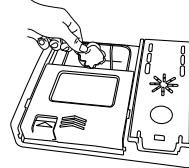
Load dishes so that water spray will reach every surface.

### 3 Select a cycle and options.



A: add the rinse aid when it's lightened  
B: child lock when it's lightened

### 2 Add detergent and rinse aid.



### 4 Start dishwasher.



START

## Dishwasher Use

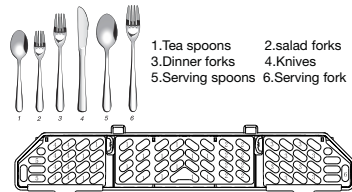
### STEP 1

#### Prepare and Load the Dishwasher

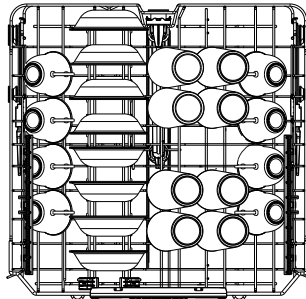
##### IMPORTANT:

Remove leftover food, bones, toothpicks, and other hard items from the dishes. Remove labels from containers before washing.

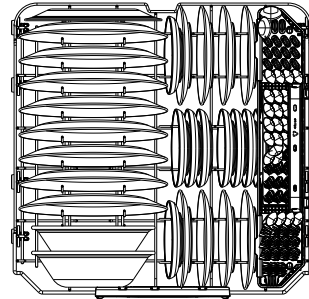
#### 8-Place loading pattern (dishwasher rack features vary by model)



8-place loading pattern

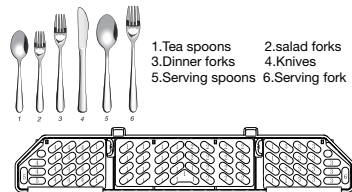


Upper rack

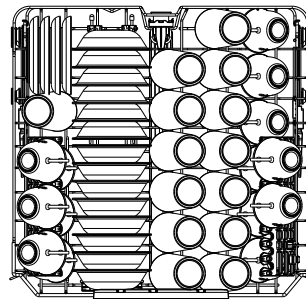


Lower rack

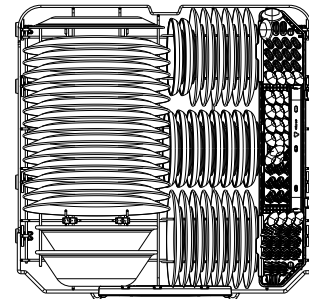
#### 14-Place loading pattern (dishwasher rack features vary by model)



14-place loading pattern

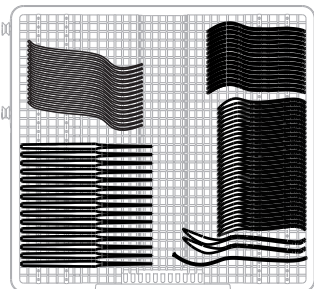


Upper rack

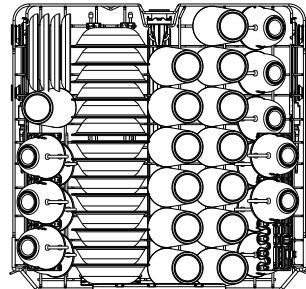


Lower rack

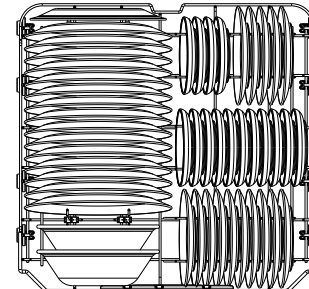
#### 15-Place loading pattern (dishwasher rack features vary by model)



knife and fork basket

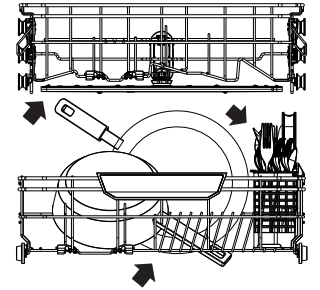


Upper rack

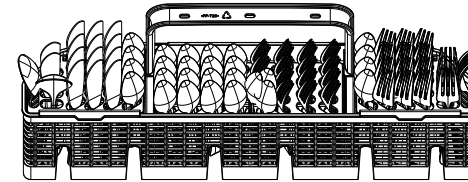


Lower rack

- Check that nothing blocks the upper or lower spray arm. Items in rack can block the spray arms.



- Check that when the dishwasher door is closed, no items are blocking the detergent dispenser.
- Tough soiled items should be loaded with soiled surfaces facing down and inward to the spray. This will improve cleaning and drying results.
- Avoid overlapping items like bowls or plates that may trap food.
- Place plastics, small plates, and glasses in the upper rack. Wash only plastic items marked "dishwasher safe."
- To avoid thumping/clattering noises during operation, load dishes so they do not touch one another.
- Make sure lightweight load items are secured in the racks.
- When loading silverware, always place sharp items pointing down. Mix items in each section of the basket with some pointing up and some down to avoid nesting. Spray cannot reach nested items.
- Use slots in the covers and suggested loading patterns to keep your silverware separated for optimum wash.



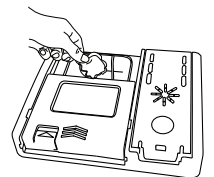
### STEP 2

#### Add Detergent Premeasured Detergents

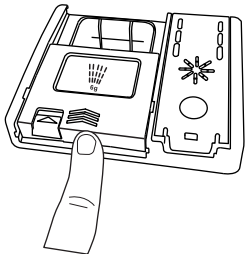
High quality premeasured tablets and packs are recommended for improved performance. Quality tablets and packs have been proven better than powder, liquid, or gel detergents at reducing filming on dishes. Using tablets and packs over time will start to reduce or eliminate white film. They are suitable for all hardness and soil levels. Also, by using a rinse aid, you can minimize repeat buildup of white film (not all packs and tablets contain rinse aid). Always place premeasured detergents in main compartment and slide lid closed.

**NOTE:** Follow instructions on the package when using other dishwasher detergent types. See the complete owners manual for more details about powders, liquids, and gels.

- Use automatic dishwasher detergent only. Add detergent just before starting a cycle.
- Fresh automatic dishwasher detergent results in better cleaning. Store tightly closed detergent container in a cool dry place.



#### To close lid



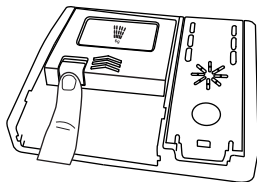
Place selected detergent in the dispenser.  
Place finger, as shown, and slide lid closed.  
Press firmly until it clicks.

- The prewash compartment is on top of the sliding door of the dispenser.
- A full main wash compartment contains 2 Tbsp. (30 ml).

**IMPORTANT:** Extremely hard water mineral deposits (15 grains per U.S. gallon or more) can cause damage to your dishwasher and make it difficult to achieve good results. A water softener is recommended to avoid damage and achieve good results.

**NOTE:** Follow instructions on the package when using other dishwasher detergent types.

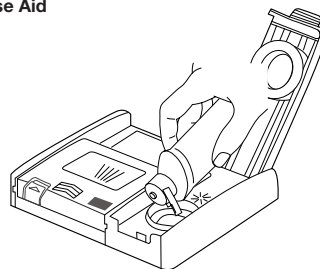
#### To open lid



Push OPEN, as shown, and the lid will slide open.

#### STEP 3

#### Rinse Aid



**IMPORTANT:** Your dishwasher is designed to use rinse aid. The use of rinse aids greatly improves drying by allowing water to drain from the dishes after the final rinse. Rinse aid also keeps water from forming droplets that can dry as spots or streaks.

#### Filling the dispenser

The dispenser holds 5 oz (150 mL) of rinse aid. Under most conditions this will last 1 to 3 months.

**NOTE:** Indicator reads correct fill level when door is completely opened.

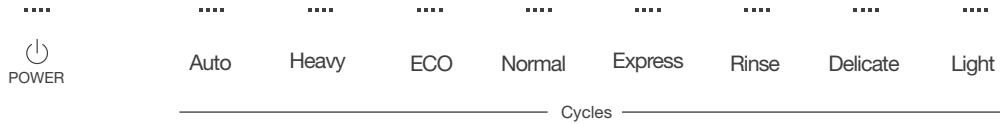
1. To add rinse aid, open the rinse dispenser lid by gently pushing in the center of the lid with your thumb and pulling up on the edge.
2. Pour rinse aid into the opening until the dispenser is full. Do not overfill.
3. Clean up any spilled rinse aid. Spilled rinse aid can create excessive suds.
4. Then, close the dispenser by pushing down gently on the lid.



#### STEP 4

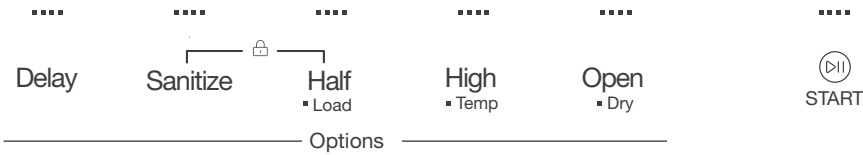
### Select a Cycle

Efficient dishwashers run longer to save water and energy. Cycle times may increase or decrease depending on selections. Estimated cycle times after calibration are listed in the "Cycle and Options Descriptions" chart in the following section. Select the desired cycle by pressing the Cycles button. Each time you press the Cycles button, it will advance to the next available cycle.



### Select Options

See the "Cycle and Option Descriptions" charts in the following section. You can customize the cycles by pressing the options desired and pressing Start/Resume.



### Follow the Progress of the Dishwasher

Lower right side of the dishwasher while it start running;The light flashes for a few seconds and goes out when the washing is completed. The light will flash continuously when fault occurs during washing process, and you need to check the cause of the failure at this time

After selecting the program(cycle), each time you press the "Delay" button, the time of (88:88) display will increase by 30 minutes on the previous basis. Press and hold the "Delay" button for more than 1 second, and the time will increase 1 hour. It will enter "Delay" mode if press "Start" or do not operate within five seconds.

#### STEP 5

### Start or Resume a Cycle

Run hot water at the sink nearest your dishwasher until the water is hot. Turn off water. For best dishwashing results, water should be 120°F (49°C) as it enters the dishwasher. Press START/RESUME button. On top control models the door must be firmly closed within 1 minute of pressing Start/Resume. If door is not closed within 1 minute, the Start button light will flash, the cycle will not start.

**IMPORTANT:**After a cycle is started (even if Delay Hours has been selected), if the door is open longer than 1 minute.The LEDs will show open to signal that you must close the door.



## Cycle and Option Descriptions



This information covers several different models. Your dishwasher may not have all of the cycles and options described.

### CYCLES

Auto	Targets toughest food soils. Use for hard-to-clean heavily soiled pots, pans, casseroles, and tableware.
Heavy	Load and soil sensing cycle. This cycle is optimized to achieve improved cleaning with minimal water and energy for all soil levels.
ECO	This program achieves the purpose of saving water and energy by extending the washing time.
Normal	This cycle is recommended to completely wash a full load of normally soiled dishes. Selecting this cycle will default to the options recommended for normal amounts of food soil. The energy label is based on this cycle.
Express	When you need fast results, the Express Wash will clean dishes using slightly more water and energy.
Rinse	Use for rinsing dishes, glasses, and silverware that will not be washed right away.
Delicate	Use for rinsing dishes, glasses, and silverware.
Light	Only for rinsing dishes, glasses in minutes.

● Cycle times may increase depending on water temperature, heavy soil condition, dish load size, and options selected. Adding options will add time to cycle. See options information.

### OPTIONS

Delay	According to your needs, extend the start of the washing.
Sanitize	By increasing the temperature of washing, the disinfection effect is achieved.
Half Load	When you don't need to wash a lot of tableware, choosing this function, you can achieve the purpose of saving water and electricity.
High Temp	High temp:By increasing the temperature of rinsing, a better drying effect can be achieved.
Open Dry	In the final stage of dishwasher rinsing, the machine automatically opens the door and expels the hot air, which can achieve a fast drying effect. When the machine is finished, the door of the dishwasher opens at a certain angle. At this time, the door lock and the door body are still fastened together. All you have to do is open the door. <b>NOTICE: Do not hit or push the door after the door is opened automatically, otherwise it may cause the door rod damaged.</b>

CONTROL	PURPOSE	COMMENTS
 START	Press to start or resume a wash cycle.	If the door is opened during a cycle or power is interrupted, Start/Resume indicator light flashes. Cycle will not resume until door is closed and Start/Resume is pressed. <b>NOTE:</b> After a cycle is started (even if Delay Hours has been selected), if the door is open longer than 1 minute. The LEDs will show open to signal that you must close the door.
 POWER	Used for power on and power off.	Press 0.5 seconds to turn it on in shutdown state. Press and hold for 3 seconds to turn off the machine when it is power on/working..
 Sanitize      Half Load	Control Lock avoids unintended use of dishwasher between cycles or cycle and option changes during a cycle.	To turn on Lock, press and hold SANITIZE+Half load for 3 seconds. Control Lock LED will stay on, indicating that it is activated and all buttons are disabled. If you press any button while your dishwasher is locked, you will hear "Beep, beep, beep" sound reminder. Dishwasher door can still be opened/closed while controls are locked. To turn off Lock, press and hold SANITIZE for 3 seconds. LED turns off.



### Canceling a Cycle

1. Press and hold POWER for 3 seconds to turn off the machine .
2. Press and hold START/RESUME for 5 seconds. Dishwasher go into drain mode and will shutdown automatically after 25 seconds.

### Changing a Cycle After Dishwasher Is Started

You can interrupt a cycle and restart the dishwasher from the beginning using the following procedure.

1. Press and hold POWER for 3 seconds to turn off the machine .
2. Press 0.5 seconds POWER to turn on dishwasher
3. Select new cycles and options.
4. Press START/RESUME.

### Adding a Dish After Dishwasher is Started

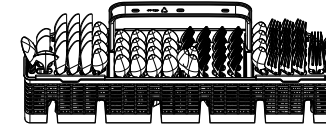
1. Open the door slightly to stop the cycle. Wait for the spraying action to stop, then open the door completely.
2. Check whether the detergent dispenser cover is still closed.If it is open, the wash cycle has already started and adding a dish is not recommended.
3. If detergent has not yet been used (detergent dispenser cover is closed), you may add a dish.
4. Close door.

## Dishwasher Features

Your dishwasher may have some or all of these features.

### Silverware basket

Use suggested loading patterns, as shown, to better clean the silverware.



10-place loading pattern

Use the slots in the cover to keep the silverware separated for optimum wash.

If the silverware does not fit into the designated slots, slide the covers outward to remove them and mix silverware types to keep them separated.

Load knives down, forks up, and alternate spoons for best cleaning results.

### Folding Tines (on some models)

The Folding Tines located in the back left corner (lower rack) provide convenient loading space for large, bulky items such as pots, pans, and mixing bowls.



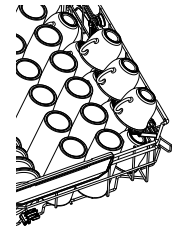
Upper Basket

### To lower the tines:

Gently push the tines out of each holder toward the center and lay the tines down.

### Stack-Rack Shelves (on some models)

Increase loading flexibility - items such as casserole dishes stay stable while the folding shelf allows you to load smaller items on top.



### Cup Shelf

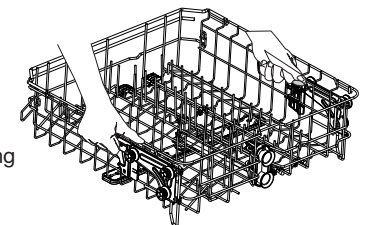
Fold down the extra shelf on the left-hand or right-hand side of the top rack to hold additional cups, stemware, or long items such as utensils and spatulas.

### Adjustable Upper Racks (on some models)

The Adjustable Upper Rack can be raised or lowered to accommodate taller plates, platters, pots, or pans in the upper or lower racks. Full size dinner plates can be loaded in the lower rack in the upper position.

**NOTE:** Always unload racks before adjusting.

To raise the rack, press both rack adjusters and lift the rack until it is in the up position and level. To lower the rack, press both rack adjusters and slide the rack back to its lower position. After adjusting the upper rack, check that all spray arms turn freely.



## Dishwasher Care

### Cleaning the Exterior

Clean the exterior of dishwasher with a soft, damp cloth and mild detergent. If your dishwasher has a stainless steel exterior, a stainless steel cleaner, such as affresh Stainless Steel Cleaner is recommended. Avoid using abrasive cleaning products on the exterior of the dishwasher.

### Cleaning the Interior

Clean the interior of the dishwasher with a paste of powdered dishwasher detergent and water or use liquid dishwasher detergent on a damp sponge to clean the cooled-down interior. A white vinegar rinse may remove white spots and film. Vinegar is an acid and using it too often could damage your dishwasher. Put 2 cups (500 mL) white vinegar in a glass or dishwasher-safe measuring cup on the bottom rack. Run the dishwasher through a complete washing cycle using an air-dry or an energy-saving dry option. Do not use detergent. Vinegar will mix with the wash water.

### Dishwasher Maintenance Procedure

#### Removal of Hard Water/Filming

Use of a monthly maintenance product such as affresh Dishwasher Cleaner is recommended. Dishwasher Cleaner tablet in main wash compartment of detergent dispenser. Select a Normal cycle and start the dishwasher.

NOTE: We recommends the use of high quality premeasured detergent tablets or packs, and the use of rinse aid for regular daily use.

If you have a drain air gap, check and clean it if the dishwasher isn't draining well.

### To Reduce Risk of Property Damage During Vacation or Extended Time Without Use

When you will not be using the dishwasher during the summer months, turn off the water and power supply to the dishwasher.

Make sure the water supply lines are protected against freezing conditions. Ice formations in the supply lines can increase water pressure and cause damage to your dishwasher or home.

Damage from freezing is not covered by the warranty.

When storing your dishwasher in the winter, avoid water damage by having your dishwasher winterized by authorized service personnel.

## Troubleshooting

First try the solutions suggested here. If you need further assistance or more recommendations that may help you avoid a service call, refer to the warranty page in this manual and scan the code with your mobile device,

Contact us by mail with any questions or concerns at the address below:

Please include a daytime phone number in the correspondence.

PROBLEM	SOLUTION
<b>DISHWASHER DOES NOT RUN</b>	<p><b>NOTE:</b> It is normal for the dishwasher to repeatedly pause several times during a cycle. If the Start/Resume light is blinking:</p> <p>Top control models: press START/RESUME and close the door within 1 minute. Be sure the door is closed and latched. Check that there is not an interference with large casserole dishes and the wash system at the back of the dishwasher. Check to see if any items are protruding through the bottom or back of the rack. Also check to see if tall items are hitting the upper rack or spray arm. Adjust loading as necessary to ensure door is closed and latched.</p> <p>Press START/RESUME, or open and close the door before selecting your cycle/option. Controls must be awakened after a period of inactivity. Be sure the Control/Lock feature is not on. If the control lock indicator is lit, press and hold Sanitize+Half load for 3 seconds. The control lock LED will turn off and you can then operate the controls. Be sure you have selected a cycle. See "Cycle and Option Descriptions" section. Be sure there is power to the dishwasher. A circuit breaker or fuse may have tripped. If lights other than Start/Resume blink and the unit will not run, you will need to call for service.</p>
<b>DETERGENT REMAINS IN THE DISPENSER OR TABLET IS ON BOTTOM OF TUB</b>	<p>Check for dishware such as cookie sheets, cutting boards, or large containers, etc., that may be blocking the detergent dispenser from opening properly. Be sure your detergent is fresh and lump free. If it has not completed, you will need to resume the cycle by closing the door and pressing Start/Resume.</p>

<b>CYCLE RUNS TOO LONG</b>	<p><b>NOTES:</b></p> <p>To use less water and reduce energy consumption you will encounter cycles that typically run for up to 3 hours. Efficient dishwashers run longer to save water and energy, just as driving a car slower saves on gas. A water heater setting of 120° F (49° C) is best. The dishwasher will delay longer while heating cooler water. Some options will add time to the cycle. See “Cycle and Option Descriptions” section.</p> <p>Run the hot water at a faucet close to the dishwasher before starting the cycle.</p>
<b>DISHWASHER NOT DRYING</b>	<p><b>NOTE:</b> Plastic and items with nonstick surfaces are difficult to dry because they have a porous surface which tends to collect water droplets. Towel drying may be necessary. Use of rinse aid along with the Open Dry option is needed for proper drying. Proper loading of items can affect drying. (See specific loading instructions within this guide.) Glasses and cups with concave bottoms hold water. This water may spill onto other items when unloading.</p> <p>Unload the bottom rack first. Locate these items on the more slanted side of the rack for improved results.</p>
<b>WILL NOT FILL</b>	<p>Be sure the water is turned on to the dishwasher. Check that the dispense and spray is free from obstructions. See “Parts and Features” section. Check for suds in the dishwasher. If foam or suds are detected, the dishwasher may not operate properly or may not fill with water. See “Blinking Lights” in “Troubleshooting” section.</p>

PROBLEM	SOLUTION
<b>WATER REMAINS IN THE TUB/WILL NOT DRAIN</b>	<p>Be sure the cycle has completed. (The cycle light will be on in the display.) If it has not, resume the cycle by:</p> <p>Top control models: pressing Start/Resume and closing the door within 1 minute.</p> <p>If dishwasher is connected to a food waste disposer, be sure the knockout plug has been removed from the disposer inlet.</p> <p>Check for kinks in the drain hose. Check for food obstructions in the drain or disposer. Check your house fuse or circuit breaker.</p>
<b>HARD WATER (WHITE RESIDUE ON DISHWASHER INTERIOR OR GLASSWARE)</b>	<p><b>NOTE:</b> Extremely hard water mineral deposits can cause damage to your dishwasher and make it difficult to achieve good cleaning. A water softener is strongly recommended if your hardness is 15 grains or more. If a water softener is not installed, the following steps may help:</p> <p>Use a commercial cleaner designed for dishwashers once per month. Always use a rinse aid. Always use fresh high quality tablets or packs of detergent for improved performance. Use a detergent booster/water softener additive designed for dishwashers.</p>
<b>ODORS</b>	<p><b>NOTE:</b> If the dishwasher is not used daily, you can run a Rinse cycle with the partial load until a full load is ready to run.</p> <p>Run a vinegar rinse through the dishwasher by putting 2 cups (500 mL) of white vinegar in an upright glass measuring cup in the lower rack. Run a Normal cycle with the Open Dry option turned off. Do not use detergent.</p> <p>The dishwasher may not be draining properly. See “Water Remains In The Tub/Will Not Drain” in the “Troubleshooting” section.</p>
<b>NOISY</b>	<p>Surging sounds can occur periodically throughout the cycle while the dishwasher is draining. Normal water valve hissing may be heard periodically.</p> <p>A normal snap sound may be heard when the detergent dispenser opens during the cycle you can hear the normal sound reminder when the door opens automatically.</p> <p>Improper installation will affect noise levels.</p> <p>Be sure the filters are properly installed.</p> <p>A thumping sound may be heard if items extend beyond the racks and interfere with the wash arms. Readjust the dishware and resume the cycle.</p>
<b>FOOD SOILS REMAIN ON DISHES</b>	<p>Be sure the dishwasher is loaded correctly. Improper loading can greatly decrease the washing performance. See “Dishwasher Use” section.</p> <p>Select the proper cycle and option for the type of soils. The Heavy cycle with the Hi Temp option can be used for tougher loads.</p> <p>Be sure the incoming water temperature is at least 120° F (49° C).</p> <p>Use the proper amount of fresh detergent. More detergent is needed for heavier-soiled loads and hard water conditions.</p> <p>Scrape food from dishes prior to loading (do not pre-rinse).</p>
<b>DISHES DIRTY/SUDS IN DISHWASHER/CYCLE NOT COMPLETE</b>	<p>If foam or suds are detected by the dishwasher sensing system, the dishwasher may not operate properly or may not fill with water.</p> <p>Suds can come from:</p> <ul style="list-style-type: none"> <li>Using the incorrect type of detergent, such as dish detergent for hand washing dishes, laundry detergent, or hand soap.</li> <li>Not replacing the rinse aid dispenser cap after filling (or refilling) the rinse aid.</li> <li>Using an excessive amount of dishwasher detergent.</li> <li>Inadequate rinsing off detergent from dishes washed by hand before loading them into the dishwasher.</li> </ul> <p>Call for service.</p> <p>If no water was present in the machine at any time during a heated wash cycle, the cycle will end and the Clean indicator will not come on. See “Will Not Fill” in the “Troubleshooting” section.</p>
<b>DAMAGE TO DISHWARE</b>	<p>Improper loading can cause dishes to become chipped or damaged. (See specific loading instructions within this guide.)</p>

PROBLEM	SOLUTION
<b>BLINKING LIGHTS</b>	Blinking indicators will occur when the cycle is paused or when the cycle has been interrupted by opening the door. If the Start/Resume light is blinking, press Start/Resume and close the door within 1 minute. See "Start or Resume a Cycle" in the "Dishwasher Use" section. If the Clean light or any other lights are blinking and the dishwasher will not run, call for service.
<b>CLOUDY OR SPOTTED DISHWARE (AND HARD WATER SOLUTION)</b>	Add or adjust the amount of liquid rinse aid for better drying and to reduce spotting. See "Detergent and Rinse Aid" section. Use the correct amount of detergent. Confirm that the cloudiness is removable by soaking the item in white vinegar for 5 minutes. If the cloudiness disappears, it is due to hard water. Adjust the amount of detergent and rinse aid. See "Hard Water (White Residue on Dishwasher Interior or Glassware)" in the "Troubleshooting" section. If it does not come clear, it is due to etching (see below). Be sure the incoming water temperature is set at 120° F (49° C). Try using the Hi Temp and Sanitize options. To remove spotting, run a vinegar rinse through the dishwasher.  Wash and rinse the affected dishware and load into dishwasher. Remove all silverware and metal items. Put 2 cups (500 mL) of white vinegar in a glass measuring cup in the lower rack. Run a Normal cycle with the Heated Dry option turned off. No detergent is needed.
<b>ETCHING (PERMANENT CLOUDINESS)</b>	This is an erosion of the surface of the glassware and can be caused by a combination of: water that is too hot, from using too much detergent with soft water, or by pre-washing. Detergent needs food soil to act upon. If etching has occurred, the glassware is permanently damaged. To avoid further etching, adjust the detergent amount to match the water hardness, stop pre-washing,
<b>LEAKAGE</b>	Be sure dishwasher has been installed properly and is level. Suds can cause the dishwasher to overflow. Measure the detergent accurately and use only detergents designed for use in a dishwasher. Less detergent is needed in soft water. Try another brand of detergent if sudsing continues. To avoid rinse aid leaking from the dispenser, be sure the lid is securely attached and avoid overfilling.
<b>TUB IS DISCOLORED</b>	High iron content in the water can discolor the tub. Tomato-based foods can discolor the tub or dishware. Large amounts of tomato-based foods should be removed from the dishes before loading. A citrus-based cleaner can be used to clean.

### Error codes

When some malfunctions happen, the appliance will display error codes to warn you.

Codes	Meanings	Reasons	Possible Causes
E1	Abnormal water inlet/water shortage	1. Too low water pressure 2. Blockage/breakage of inlet pipe 3. The faucet is not turned on 4. Others	1. Check whether the water pressure is between 0.04-1.0MPa 2. Unclog the pipe to avoid any damage 3. Check whether the faucet is turned on you can hear the normal sound reminder when the door opens automatically 4. Contact after-sales service
E2	Fault in inlet valve	The inlet valve does not work	Contact the manufacturer for after-sales service
E4	Overflow fault	1. Using non-professional dishwashing powder 2. External water accumulation flowing into the machine 3. Water leakage of dishwasher 4. The drain pipe is blocked, folded, or too high above the ground 5. The machine is installed unbalanced	1. Please contact after-sales service 2. Please contact after-sales service 3. Please contact after-sales service 4. Unclog the pipe to avoid being broken 5. Adjustment and balance with the ground
E5	Communication Failure	Communication exception	Contact the manufacturer's after-sales service
E6	Failure in NTC	NTC is not working	Contact the manufacturer's after-sales service
E11	Failure in Auto-open door	Auto-open door is not working	Contact the manufacturer's after-sales service
E14	Failure in communication of display board	The cable of display board is not working Failure in display board A/B	1. Please contact after-sales service 2. Please contact after-sales service

## Wash cycle information

### OPEN DRY

	Auto(H)	Heavy	ECO	Normal(H)	Express	Rinse	Delicate	Lighting
cycle time	134min	157min	147min	125min	n/a	n/a	104min	n/a
water consumption	14.2L	14.3L	11.4L	13.4L	n/a	n/a	14L	n/a
water temperature	55°C	50-70°C	45°C	55°C	n/a	n/a	45°C	n/a
rinse temperature	60°C	70°C	60°C	60°C	n/a	n/a	60°C	n/a
<b>Sanitize</b>								
cycle time	145min	166min	159min	137min	n/a	n/a	116min	n/a
water consumption	14.2L	14.3L	11.4L	13.4L	n/a	n/a	14L	n/a
water temperature	55°C	50-55°C	45°C	55°C	n/a	n/a	45°C	n/a
rinse temperature	70°C	70°C	70°C	70°C	n/a	n/a	70°C	n/a
<b>Half Load</b>								
cycle time	133min	156min	n/a	123min	n/a	n/a	113min	n/a
water consumption	12L	12L	n/a	12L	n/a	n/a	14L	n/a
water temperature	55°C	50-55°C	n/a	55°C	n/a	n/a	45°C	n/a
rinse temperature	60°C	70°C	n/a	60°C	n/a	n/a	60°C	n/a
<b>High Temp</b>								
cycle time	139min	162min	160min	130min	n/a	n/a	127min	n/a
water consumption	14.2L	14.3L	11.4L	13.4L	n/a	n/a	14L	n/a
water temperature	60°C	50-60°C	60°C	60°C	n/a	n/a	60°C	n/a
rinse temperature	60°C	70°C	60°C	60°C	n/a	n/a	60°C	n/a

### ON OPEN DRY

	Auto(H)	Heavy	ECO	Normal(H)	Express	Rinse	Delicate	Lighting
cycle time	151min	174min	164min	142min	20min	36min	131min	12min
water consumption	13.6L	14L	11.4L	13.4L	7L	7L	14L	3.5L
water temperature	55°C	50-70°C	45°C	55°C	45°C	45°C	45°C	45°C
rinse temperature	60°C	70°C	60°C	60°C	Water inlet Temperature	60°C	60°C	n/a
<b>Sanitize</b>								
cycle time	162min	183min	176min	154min	n/a	n/a	143min	n/a
water consumption	14.2L	14.3L	11.4L	13.4L	n/a	n/a	14L	n/a
water temperature	55°C	50-55°C	45°C	55°C	n/a	n/a	45°C	n/a
rinse temperature	70°C	70°C	70°C	70°C	n/a	n/a	70°C	n/a
<b>Half Load</b>								
cycle time	150min	173min	n/a	141min	n/a	n/a	130min	n/a
water consumption	12L	12L	n/a	12L	n/a	n/a	14L	n/a
water temperature	55°C	50-55°C	n/a	55°C	n/a	n/a	45°C	n/a
rinse temperature	60°C	70°C	n/a	60°C	n/a	n/a	60°C	n/a
<b>High Temp</b>								
cycle time	156min	179min	177min	147min	n/a	n/a	144min	n/a
water consumption	14.2L	14.3L	11.4L	13.4L	n/a	n/a	14L	n/a
water temperature	60°C	50-55°C	60°C	60°C	n/a	n/a	60°C	n/a
rinse temperature	60°C	70°C	60°C	60°C	n/a	n/a	60°C	n/a

## WARRANTY AND SERVICE

### WARRANTY & SERVICE

This product has been manufactured by VEZENI LLC, 1031 S Pulaski Road, Chicago, IL 60624. For Customer Service, please email [concierge@vezeni.com](mailto:concierge@vezeni.com), or call us at **888-283-9364**.

For the most up to date warranty and service policy, please refer to our website:

<https://vezeni.com/contact-us/>

For in-warranty service requests, please visit our website at:

<https://vezeni.com/contact-us/>

**Please Note:** You must provide proof of purchase or installation date for any in warranty service requests.

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